





VET7 IS A MANUFACTURER OF HIGH-QUALITY EGG INCUBATORS AND HATCHERS















HATCHER SPECIFICATION

Model: V-tech0004

Single Stage Hatcher



HATCHER CAPACITY	
Chicken Egg (C)	17,280 Eggs
Capacity of Tray	192
Number of Egg tray	90
Racks per cabinet	04
DIMENSIONS	
Length	2.15 m /7.05 ft
Width	3.60 m/11 ft
Height	2.25 m/7.38 ft
Electrical Condition	115/230V AC, 50 Hz, Single Phase AC
Installed Area	77 sft
Weight	1,050 kg
Electrical Consumption	9 kw



Incubators & Hatcheries



TROLLEYS:

Function	Hold and turn the egg when it needs
Number	4 trolleys for each Hatcher
Length (mm)	1,620
Width (mm)	580
Height (mm)	1,970

The Trolley Equipped with:

		Strong	and	solidly	welded	Iron	/Ga	lvanized	steel
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- ☐ Two-layer coating to avoid corrosion.
- ☐ Shock absorbing high-quality rubber wheels and that makes it easy to handle.
- ☐ Easy to clean and suitable for automated washing machines.
- ☐ Compatible with almost all previous and current single-stage VET7 setters.

HATCHER BASKETS:

THE CHER DE CONCETO	
Function	Hold the egg
Number	48 Trays in a Trolley (Chicken)
Capacity	90 Chicken Eggs

FEATURES:

П	Hold	the	ρσσ ι	until	it	hatch	ed

- ☐ Maintains its shape.
- ☐ Commercial Resistance
- ☐ Easy to wash up to 85°C
- ☐ Compatible with almost all single-stage VET7 Hatchers.



ISOLATION SYSTEM:







Incubators & Hatcheries

Function	Keeping the egg inside the Hatcher isolated from external effects like humidity, temperature, fire, water etc
Panel	High-quality fiberglass sandwich panel with polystyrene core
Heat resistance	Between -40 and + 120 °C
Corrosion resistance	Anticorrosive
Applicable	All dry and wet areas

FEATURES:

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- ☐ No crumbling or diminishing.
- ☐ Easy-to-clean, anti-corrosive surface.
- ☐ High Resistance to heat and chemicals.
- ☐ Provide continuous thermal insulation.
- ☐ Prevent swellings and mold growth from the inside.
- ☐ They don't get old and lose their properties in time.
- ☐ Ensure savings in electricity consumption since less heating / cooling will be needed.



Size	LCD 7' inch.
Control	Microprocessor
Language	Turkish, English and Arabic
Screen Type	TFT-LCD touch screen.
Origin	Swedish Company
Operating Temp	- 10 to + 60 C
Humidity	5%-85%
History track	Extended.
Memory	1.5 GB application memory
Control panel	Vet-Tech 22 TM

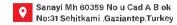
DISPLAY FUNCTION:

- ☐ Monitoring and controlling all Hatcher functions.
- ☐ The touch control is sophisticated and very precise













SENSOR:

Origin	Europe origin (High-Quality product)
Working Range	1095 % RH
Accuracy	Accuracy at 20 C +- 2.5 %RH
Operation Temp	- 4060 C (-40 140 F)
Storage Temp	-2060 C (-4 140 F)
Function	Measuring Hatcher temperature and humidity



HEATING:

Function	Controlling the Hatcher temperature by increasing it heats
Working system	Electrical
Capacity	2200 Watt
Quantity	2 (1 main Heater, 1 supplemental heater)
Model	Watt inox heater



COOLERS:

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Function	Controlling the Hatcher temperature by decreasing it heats			
Working system	Water			
Quantity	2 Solenoid Valves.			
Size	16 mm Copper Pipe			



HUMIDIFICATION:

Function	Controlling the Hatcher Humidity by Spraying water
Working system	Spray nozzle
Quantity	2 Spray nozzle
Capacity	1.5 gal./hr at 55 p.s.i







Incubators & Hatcheries

VENTILATION: (AIR COOLED SYSTEM)

	Ventilation is important in incubators and hatchers because fresh oxygenated air is needed for respiration.
	Air cooled
	Pneumatically operated air cylinders
	The humidity and airflow are slightly higher at the hatcher than the setter.
A-THE UPP	ER FAN
	Function: keeping the air flowing to the Hatcher.
	Speed: 1620 rpm
	Quantity: 1 (16" Fans, 1/3 HP, Plus Heater)
B-THE INSI	DE FAN
	Function: keeping the air flowing equally inside the Hatcher.
	Raw material: Stainless steel 304 (The fan & the fan holder)
	Speed: 1620 rpm
	Quantity: 2 1 (16" Fans, 1/3 HP, Plus Heater)
C- AIR DAM	PER:
	Function: Controlling the movement of the ventilation holes.
	Model: Belimo brand.

MOTOR:

Function	Controlling the movement of the fan that circulates the air inside the Hatcher		
Water Pressure	390 kPa/55 p.s.i		
Quantity	1		
Capacity	2.2 KW		

☐ Origin: Swiss origin (High-Quality product)



THE HATCHER IS EQUIPPED WITH

☐ Quantity: 1

An electrical diagram and all of its wires are numbered in the electric panel with a German numeral
system.
All electric parts are from Schneider Electric, Omron, Schrack, Delta, Nexans
Tele technique, and Phoenix. All are from French, Asteria, Swiss, Swidden, Korea, And Japan origins
Bearings: SKF from Germany (High Quality Product)

















